

Title (en)  
Process for the preparation of recombinant aprotinin and recombinant aprotinin variants with natural N-terminal sequence.

Title (de)  
Verfahren zur Herstellung von rekombinanten Aprotinin und rekombinanten Aprotinin Varianten mit der natürlichen N-terminalen Sequenz.

Title (fr)  
Procédé de préparation de l'aprotinine recombinante et de variants recombinants de l'aprotinine avec une séquence N-terminale naturelle.

Publication  
**EP 0683229 A3 19960117 (DE)**

Application  
**EP 95106801 A 19950505**

Priority  
DE 4417353 A 19940518

Abstract (en)  
[origin: EP0683229A2] Vectors for expression of aprotinin or aprotinin variants with a correct N-terminus comprise the gene coding for the aprotinin (or variant) immediately preceded by a leader sequence coding for a pre-sequence capable of being processed by the signal peptidase (of the host cell).

IPC 1-7  
**C12N 15/63**

IPC 8 full level  
**C12N 15/09** (2006.01); **C07K 14/81** (2006.01); **C12N 15/15** (2006.01)

CPC (source: EP KR US)  
**C07K 14/8117** (2013.01 - EP KR US); **C12N 15/63** (2013.01 - KR); **C07K 2319/02** (2013.01 - EP US)

Citation (search report)  
[X] C.B. MARKS ET AL.: "Production of native, correctly folded bovine pancreatic trypsin inhibitor by Escherichia coli", JOURNAL OF BIOLOGICAL CHEMISTRY, vol. 261, no. 16, pages 7115 - 7118

Cited by  
WO2008110301A1

Designated contracting state (EPC)  
AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**EP 0683229 A2 19951122; EP 0683229 A3 19960117**; AU 2004595 A 19951123; AU 705267 B2 19990520; CA 2149375 A1 19951119; CN 1123325 A 19960529; DE 4417353 A1 19960125; FI 952372 A0 19950516; FI 952372 A 19951119; IL 113725 A0 19950831; JP H08163988 A 19960625; KR 950032626 A 19951222; NO 951926 D0 19950516; NO 951926 L 19951120; NZ 272121 A 19960126; US 5707831 A 19980113; ZA 954005 B 19960117

DOCDB simple family (application)  
**EP 95106801 A 19950505**; AU 2004595 A 19950512; CA 2149375 A 19950515; CN 95106042 A 19950515; DE 4417353 A 19940518; FI 952372 A 19950516; IL 11372595 A 19950515; JP 14130695 A 19950516; KR 19950012209 A 19950517; NO 951926 A 19950516; NZ 27212195 A 19950515; US 43958595 A 19950511; ZA 954005 A 19950517